Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 27 Feb 2023 until 23:59 on Tuesday 28 Feb 2023

Forecast Issued on Sunday 26 Feb 2023 at 15:53

Confidence: High confidence for generally settled conditions with some light showers, lower for cloud details.

Headline for Monday 27 Feb 2023: Mostly dry and cloudy, isolated light showers at times.

Mountain weather hazards on Monday 27 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers (night)	Dull	Dull	Dull	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	20%	20%	20%	20%	20%	20%	20%

Forecast for Monday 27 Feb 2023

Weather: Cloudy overnight with a chance for some light showers, these mostly falling as rain, but perhaps falling as sleet over highest peaks. Cloud continues to move in from the northeast throughout the day, perhaps with some breaks at times during the afternoon, with the odd isolated rain shower pushing into the east of the park at times.

Chance of cloud-free hill tops above 600m: 40% rising to 60% in east of park. 70% in west.

Low cloud and visibility: Low cloud moves in from the northeast, mainly affecting the east of the park, with bases around 500m through the morning, lifting to above the peaks by the afternoon, although they could fall again in any showers. Visibility generally very good beneath the cloud layer and for western peaks, falling to poor or very poor in any showers or summit cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 27 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 NE	15/21 NE	17/23 NE	18/25 NE	18/25 NE	17/24 NE	17/24 NE	18/25 NE	17/24 NE
300	9/15 NE	9/14 NE	10/17 NE	13/19 NE	14/21 NE	13/20 NE	11/17 NE	11/18 NE	10/18 NE
Valley	5/16 NE	6/15 NE	7/17 NE	9/18 NE	11/21 NE	10/21 NE	8/18 NE	7/18 NE	7/18 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-5	0/-5	0/-6	1/-5	2/-4	2/-3	2/-4	1/-5	1/-4
300	3/-1	3/-1	3/-1	3/-1	5/0	5/1	4/1	4/-0	4/-0
Valley	3/1	4/1	4/0	4/1	6/3	6/3	5/2	4/2	4/1
Freezing Level*	600m	700m	600m	700m	700m	800m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe chill effect on peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 26 Feb 2023	0mm	0.2mm	4.2mm

Forecast for Tuesday 28 Feb 2023

Weather: Low cloud moves in from the northeast, bringing showers through the day. Rain showers fairly isolated in the morning, becoming more frequent in the afternoon.

Maximum wind: Northeasterly 30mph.

Chance of cloud-free hill tops above 600m: 30% in east, 60% in west.

Low cloud and visibility: Cloudy through much of the day with bases around 500m, although there should be more in the way of breaks through the afternoon, especially in the west. Very good visibility beneath the cloud, but falling to poor or very poor in showers and summit cloud.

Temperature: **Valleys:** Plus 3 Celsius, rising to Plus 5 Celsius.
At 600m: Plus 1 Celsius, rising to Plus 2 Celsius.
Freezing level: Initially just above peaks, rising comfortably above peaks through morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.